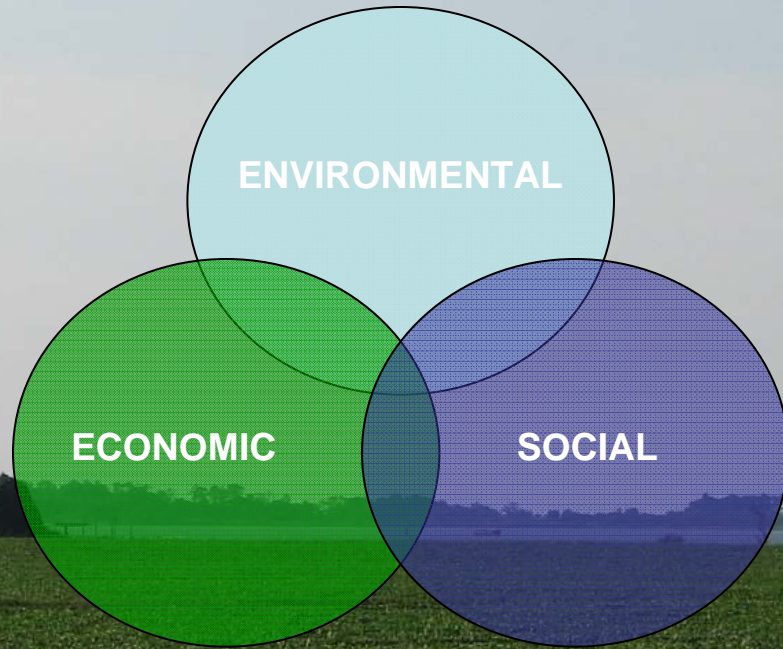


Currituck County



Goes Green Initiative

Sustainability Means...

Focusing on the environmental, economic, and social characteristics of our community in order to meet the needs of the present without compromising the needs of future generations.



Mission

To provide leadership, education,
and opportunities that help government,
staff, citizens, and businesses operate
in a manner to conserve, sustain
and enhance our environment
and natural resources

The Currituck Environmental Initiative



Water



Agriculture



Wetlands



Waterfowl



Fishes



Wildlife



Laws



Planning



Building

"Currituck Goes Green"

Initiated October 2008

🌿 Currituck County Departments

🌿 NC State University

- Cooperative Extension

- Engineering

- Forestry

🌿 East Carolina University

- Geography

🌿 NC Sea Grant

🌿 NC Coastal Federation

🌿 UNC Coastal Studies Institute

🌿 Community Members

Current Accomplishments

- Design of Maple Commerce Park
- Conducted Going Green Expo
- Public Education
 - Energy conservation
 - recycling
 - water harvesting
 - pesticide container recycling
- Gathered information to create website
- Compiled list of “green” resources
- Working with developers to design green subdivision
- Continuing to working toward becoming the premier “green” County in the northeast
- Developed partnerships with local & state agencies



Energy Reduction

APPROXIMATE POWER BILL ESTIMATE FOR 2008

\$450,000



Reduce Energy Usage by 10%=

\$45,000 SAVINGS

Energy Pledge

Implement practices that can save energy by:

- Turning off lights and electronics when not in frequent use
- Tightening existing building to seal air leaks with weather stripping, sealants, insulation or caulking
- Using the most efficient light source for the application: i.e. compact fluorescent and high – performance fluorescent systems
- Buying Energy Star heating and cooling systems
- Using automatic controls to turn off lights or dim lights
- Tuning up HVAC equipment yearly
- Installing programmable thermostats
- Changing air filters regularly
- Sealing heating and cooling ducts
- EDUCATING STAFF

Waste Reduction



1 Ton of Trash=
\$68.00 Tipping Fee



1 Ton of Recyclables=
\$45.00 Fee

By recycling the County saves \$23.00 per ton.

Waste Reduction Pledge

Implement practices that can reduce waste by:

- Printing double sided and only when needed
 - Recycling and eliminate use of plastics
 - Purchasing office supplies containing recycled materials including paper, pens, and other office products
 - Canceling unnecessary publications and unwanted mail
 - Eliminating paper files and save documents electronically
 - Providing recycle bins in all County meeting rooms and offices
 - Using computers instead of paper- replace sticky notes/paper calendars with computer software
 - Educating staff on proper waste reduction and recycling techniques
 - Receiving and pay bills electronically
- MAKE USE OF TECHNOLOGY!

Sustainability Plan

- Outlines broad, inclusive, and community responsive sustainability goals to complement Land Use Plan
- Serves as umbrella over all other efforts
- Coordinates all county departments and resources
- Identifies gaps for future initiatives
- Eligible for grant funding

End Result= **SAVINGS** of \$, natural resources, and heritage

Further Opportunities

- **County Facilities/ Projects**
 - Retrofit Test Building (Parks & Recreation)
 - Retrofit or replace County Buildings with green features as opportunities arise
- **Private Sector**
- **Adopted Plans & Policies**
 - Green Procurement Policy
 - Set Policy for Maintaining Energy Efficient Temperature

Summary

- **Adopt Mission Statement**
- **Energy & Waste Reduction Pledge**
- **Sustainability Plan**

"Currituck Goes Green"